

**REMARKS/ARGUMENTS**

Claims 1-21 and 23-31 are pending in this application. By this Amendment, claims 1, 2, 29 and 31 are amended for clarification purposes only, in response to the Examiner's comments. No new matter is added. Thus, it is respectfully submitted that the amendments to claims 1, 2, 29 and 31 do not raise new issues. Support for the claims can be found throughout the specification, including the original claims, and the drawings. Withdrawal of the rejections in view of the above amendments and the following remarks is respectfully requested.

Entry of the amended claims is proper under 37 C.F.R. §1.116 since the amendments: (1) place the application in condition for allowance (for the reasons discussed herein); (2) do not raise any new issues requiring further search and/or consideration (since the amendments amplify issues previously discussed throughout prosecution without incorporating additional subject matter); (3) satisfy a requirement of form asserted in the previous Office Action; and/or (4) place the application in better form for appeal (if necessary). Entry is thus requested.

**I. Allowable Subject Matter**

The Examiner is thanked for the indication that claims 9-15, 23, 29 and 30 would be allowable if rewritten in independent form, including all of the limitations of the base claim and any intervening claims. However, for the reasons set forth below, claims 9-15, 23, 29 and 30 have not been rewritten in independent form at this time.

**II. Objection to the Specification**

The Office Action objects to the specification under 35 U.S.C. §132(a), alleging that the recitation "the camera configured to move longitudinally along the axis of rotation so as to extend outward" is not supported by the specification. However, it is respectfully submitted that

the longitudinal movement of the camera along the axis of rotation is well supported by the specification as originally filed.

More specifically, the Examiner's attention is drawn to paragraphs 38 and 40-42 of the present application. At least this portion of the specification clearly sets forth that, as the folder 10 and body 4 rotate relative to one another, a driving pin 14 provided in the folder hinge part 11 moves through an inclined guide groove 41 formed on the outer circumference of the camera shaft 40 to form a cam. The action of this cam causes the camera 30 to move in a horizontal direction along the axis of rotation until it is extended outside of the hinge parts 11, 12 and the camera case and exposed (see specifically, the last three lines of paragraph 38). Paragraphs 40-42 then disclose a straight sliding rib 25a formed on the inner circumference of the body hinge part 12 or the camera case 21 which extends into a corresponding straight sliding groove 42a formed on the camera shaft 40 to guide the horizontal movement of the camera shaft 40 in the camera case 21 which results from the action of the cam formed by the inclined groove 41 and the driving pin 14. This sliding operation causes the camera shaft 40 to protrude from the camera case 21 to position the camera lens 32 outside of the hinge 12/case 21 in an appropriate position for taking pictures (see specifically the last five lines of paragraph 41, and Figure 3a which shows the camera 30 extended longitudinally outward from the axis of rotation as the folder 10 rotates).

For at least these reasons, it is respectfully submitted that the subject matter of claims 1, 27 and 31 is well supported by the specification as originally filed, and thus the objection to claims 1, 27 and 31 under 35 U.S.C. §132(a) should be withdrawn.

**III. Rejection Under 35 U.S.C. §112**

The Office Action rejects claims 1, 2 and 31 under 35 U.S.C. §112. It is assumed, for purposes of this reply, based on the Examiner's remarks regarding antecedent basis, that claims 1, 2 and 31 are rejected under 35 U.S.C. §112, second paragraph. It is respectfully submitted that the amendments to claims 1, 2 and 31 are responsive to the Examiner's comments, and that claims 1, 2 and 31 meet the requirements of 35 U.S.C. §112. Accordingly, the rejection should be withdrawn. .

**IV. Rejection Under 35 U.S.C. §103(a)**

The Office Action rejects claims 1-8, 16-21, 24-28 and 31 under 35 U.S.C. §103(a) over U.S. Patent No. 6,704,586 to Park in view of U.S. Patent No. 5,491,507 to Umezawa. The rejection is respectfully traversed.

Independent claim 1 recites, *inter alia*, a hinge part provided where the body part and the folder part meet, wherein the folder part is configured to rotate about an axis of rotation disposed along the hinge part so as to rotate between a first and a second position relative to the body part, and a camera, wherein the camera is configured to move longitudinally along the axis of rotation so as to extend outward from the mobile terminal as the folder part moves from the second position to the first position, and to be retracted into the mobile terminal as the folder part moves from the first position to the second position. Independent claim 18 recites, *inter alia*, a hinge part connecting the first body part and the second body part, a camera holder disposed in the hinge part, and a camera disposed in the camera holder, wherein the camera is configured to move such that the camera is positioned outside of the camera holder when the first body part and the second body part are at a first predetermined angle relative to one

another, and the camera is positioned within the camera holder when the first body part and the second body part are at a second predetermined angle relative to one another. Independent claim 24 recites, *inter alia*, rotatably coupling a folder part to the body part to move between an open and a closed position, and retractably extending a camera outside the mobile terminal as the folder moves to the open position. As acknowledged by the Examiner in the remarks regarding independent claims 1, 18 and 24, Park neither discloses nor suggests at least such features, or the respective claimed combinations of features. Further, Umezawa fails to overcome the deficiencies of Park.

Umezawa discloses a video telephone, including a body 2 with a display 11, keypad 14, microphone 16 and corresponding circuitry, and an ear pad 4 which is foldably attached to an upper portion of the body 2. A camera 3 is turnably mounted to an outer peripheral edge of the body 2, and pivots both forward and rearward with respect to the body 2 about a pivot 32. When the camera 3 is in its stored position, a lens 24 which extends from the end of the camera 3 can be extended upward into an indent 25 so that the camera 3 may be secured in its position on the outer periphery of the body 2.

Umezawa clearly discloses that the camera 3, including the lens 24, is always positioned outside of the body 2. Thus, Umezawa neither discloses nor suggests any type of rotation which would cause the camera 3 to be extended outward from the body 2 or retracted into the body 2 as recited in independent claim 1, nor positioned within the body 2 as recited in independent claim 18, nor retractably extending the camera 3 outside of the body 2, as recited in independent claim 24.

Further, Umezawa clearly discloses that the camera pivots about the pivot 32, and not

about any type of hinge which defines an axis of rotation formed between the ear pad 4 (which may be compared to the folder part recited in independent claims 1 and 31 and the second body part recited in independent claim 18) and the body 2 (which may be compared to the body part recited in independent claims 1 and 31 and the first body part recited in independent claim 18). Rather, the camera 3 rotates about an axis of rotation which is essentially a horizontal line extending through the pivot 32, and the manual rotation of the camera 3/lens 24 is completely independent of any type of relative positioning and/or movement of the body 2 and the ear bud 4.

Thus, if the "hinge" is defined as the axis of rotation of the folder part relative to the body part, as recited in independent claim 1, and the camera holder is disposed within that hinge, as recited in independent claim 18, then Umezawa clearly neither discloses nor suggests that the movement/rotation of the camera 3 and/or lens 24 is in any way related to the rotation of the ear bud 4 relative to the body 2. Rather, rotation of the camera 3 is independent of the position of the ear bud 4 relative to the body 2, and the movement of the lens 24 when it is secured into the indent 25 is in a direction which is orthogonal to the axis of rotation of the camera 3 (see column 7, 42-52 and lines and Figure 6 of Umezawa).

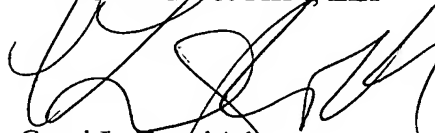
For at least these reasons, it is respectfully submitted that independent claims 1, 18 and 24 are allowable over the applied combination, and thus the rejection of independent claims 1, 18 and 24 under 35 U.S.C. §103(a) over Park and Umezawa should be withdrawn. Dependent claims 2-8, 16, 17, 19-21, 23-28 and 31 are allowable at least for the reasons set forth above with respect to independent claims 1, 18 and 31, from which they respectively depend, as well as for their added features.

**VI. Conclusion**

In view of the foregoing amendments and remarks, it is respectfully submitted that the application is in condition for allowance. If the Examiner believes that any additional changes would place the application in better condition for allowance, the Examiner is invited to contact the undersigned, **JOANNA K. MASON**, at the telephone number listed below.

To the extent necessary, a petition for an extension of time under 37 C.F.R. 1.136 is hereby made. Please charge any shortage in fees due in connection with the filing of this, concurrent and future replies, including extension of time fees, to Deposit Account 16-0607 and please credit any excess fees to such deposit account.

Respectfully submitted,  
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